

LIST OF PUBLICATIONS OF THE
NATIONAL INSTITUTE OF POLAR RESEARCH

(1957-1980)

Supplement No.2
(1982-1985)

I. 南 極 資 料 Nankyoku Shiryô (Antarctic Record)

No. 76, September 1982	No. 77, January 1983	No. 78, March 1983
No. 79, September 1983	No. 80, December 1983	No. 81, March 1984
No. 82, August 1984	No. 83, December 1984	No. 84, March 1985
No. 85, March 1985		

II. Memoirs of National Institute of Polar Research

Series C (Earth Sciences)

- No. 13: Physiography of the Prince Olav and the Prince Harald Coasts, East Antarctica, by Y. Yoshida. 87 p. February 1983.
- No. 14: Studies on thermally induced fractures and snowquakes of polar snow cover, by F. Nishio. 50 p. March 1983.
- No. 15: The results of explosion seismic experiments operated between Syowa and Mizuho Stations, East Antarctica, by A. Ikami, K. Ito, K. Kaminuma and K. Shibuya. 60 p. February 1984.
- No. 16: Paleomagnetic investigation of McMurdo Sound region, southern Victoria Land, Antarctica, by M. Funaki. 81 p. August 1984.

Series E (Biology and Medical Science)

- No. 35: Freshwater algae from Skarvsnes, near Syowa Station, Antarctica, by M. Hirano. 31 p. with 19 pl. June 1983.
- No. 36: Osteology and relationships of the family Channichthyidae, by T. Iwami. 69 p. March 1984.

Special Issue

- No. 22: Proceedings of the Fourth Symposium on Coordinated Observations of the Ionosphere and the Magnetosphere in the Polar Regions, ed. by T. Nagata. 287 p. September 1982.
- No. 23: Proceedings of the Fifth Symposium on Antarctic Biology, ed. by T. Hoshiai and Y. Naito. 128 p. October 1982.
- No. 24: Proceedings of the Fourth Symposium on Polar Meteorology and Glaciology, ed. by K. Kusunoki. 326 p. December 1982.
- No. 25: Proceedings of the Seventh Symposium on Antarctic Meteorites, ed. by T. Nagata. 343 p. December 1983.
- No. 26: Proceedings of the Fifth Symposium on Coordinated Observations of the Ionosphere and the Magnetosphere in the Polar Regions, ed. by T. Nagata. 201 p. March 1983.
- No. 27: Proceedings of the BIOMASS Colloquium in 1982, ed. by T. Nemoto and T. Matsuda. 247 p. July 1983.
- No. 28: Proceedings of the Third Symposium on Antarctic Geosciences, 1982, ed. by T. Nagata. 289 p. October 1983.
- No. 29: Proceedings of the Fifth Symposium on Polar Meteorology and Glaciology, ed. by K. Kusunoki. 227 p. November 1983.
- No. 30: Proceedings of the Eighth Symposium on Antarctic Meteorites, ed. by T. Nagata. 457 p. December 1983.
- No. 31: Proceedings of the Sixth Symposium on Coordinated Observations of the Ionosphere and the Magnetosphere in the Polar Regions, ed. by T. Nagata. 179 p. July 1984.
- No. 32: Proceedings of the Sixth Symposium on Polar Biology, ed. by T. Hoshiai and M. Fukuchi. 240 p. August 1984.
- No. 33: Proceedings of the Fourth Symposium on Antarctic Geosciences, 1983, ed. by T. Nagata. 240 p. September 1984.
- No. 34: Proceedings of the Sixth Symposium on Polar Meteorology and Glaciology, ed. by K. Kusunoki. 241 p. December 1984.
- No. 35: Proceedings of the Ninth Symposium on Antarctic Meteorites, ed. by T. Nagata. 326 p. December 1984.

III. JARE Data Reports

- No. 74 (Aurora 10): Records of all-sky camera photographs at Syowa

- Station, Antarctica in 1980, by National Institute of Polar Research. 8 p. June 1982.
- No. 75 (Oceanography 1): Oceanographic data of the 21st Japanese Antarctic Research Expedition from November 1979 to April 1980, by K. Matsumoto and M. Mine. 44p. August 1982.
- No. 76 (Oceanography 2): Oceanographic data of the 22nd Japanese Antarctic Research Expedition from November 1980 to April 1981, by S. Kuramoto and K. Koyama. 50 p. August 1982.
- No. 77 (Meteorology 12): Meteorological data at Mizuho Station, Antarctica in 1981, by H. Nishimura, J. Inoue and K. Satow. 92 p. November 1982.
- No. 78 (Marine Biology 4): Whales sighting efficiency of the crew on board ocean research vessels in BIOMASS/FIBEX, by S. Ohsumi and Y. Naito. 49 p. March 1983.
- No. 79 (Meteorology 13): POLEX-South data, Part 4. Micrometeorological data at Mizuho Station, Antarctica in 1980, by T. Ohata, N. Ishikawa, S. Kobayashi and S. Kawaguchi. 374 p. March 1983.
- No. 80 (Ionosphere 27): Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1981, by M. Ose and N. Kurihara. 96 p. March 1983.
- No. 81 (Ionosphere 28): Records of radio aurora at Syowa Station, Antarctica in 1981, by M. Ose and N. Kurihara. 28p. March 1983.
- No. 82 (Glaciology 9): Glaciological data collected by the Japanese Antarctic Research Expedition in 1981, by K. Satow, H. Nishimura and J. Inoue. 81 p. March 1983.
- No. 83 (Seismology 16): Seismological bulletin of Syowa Station, Antarctica, by K. Shibuya and K. Kaminuma. 99 p. March 1983.
- No. 84 (Aurora 11): Records of all-sky camera photographs at Syowa Station, Antarctica in 1981, by National Institute of Polar Research. 8 p. August 1983.
- No. 85 (Meteorology 14): POLEX-South data, Part 5. Micrometeorological data at Mizuho Station and temporary stations in Mizuho Plateau, Antarctica in 1981, by, H. Nishimura, J. Inoue and K. Satow. 182 p. November 1983.
- No. 86 (Meteorology 15): Meteorological data at Mizuho Station, Antarctica in

- 1982, by S. Takahashi, H. Ohmae, M. Ishikawa, T. Katsushima and F. Nishio. 97 p. November 1983.
- No. 87 (Ionosphere 29): Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1982, by Y. Kuratani and K. Igarashi. 86 p. January 1984.
- No. 88 (Ionosphere 30): Records of radio aurora at Syowa Station, Antarctica in 1982, by K. Igarashi and Y. Kuratani. 28 p. January 1984.
- No. 89 (Earth Science 1): Geophysical data in the Lützow-Holm Bay region and the Mizuho Plateau, Antarctica by JARE-21 and JARE-22, by K. Kaminuma, K. Shibuya and T. Nagao. 87 p. March 1984.
- No. 90 (Marine Biology 5): Plankton samplings on board the Fuji in 1980-1983, by K. Watanabe, Y. Nakajima, Y. Ino, H. Sasaki and M. Fukuchi. 15 p. March 1984.
- No. 91 (Oceanography 3): Oceanographic data of the 23rd Japanese Antarctic Research Expedition from November 1981 to April 1982, by K. Oka and S. Fuchinoue. 38 p. March 1984.
- No. 92 (Seismology 17): Seismological bulletin of Syowa Station, Antarctica, by K. Shibuya. 79 p. March 1984.
- No. 93 (Upper Atmosphere Physics 1): Upper atmosphere physics data, Syowa Station, 1981, by N. Sato, R. Fujii, H. Fukunishi and D. Nakajima. 206 p. March 1984.
- No. 94 (Glaciology 10): Glaciological research program in East Queen Maud Land, East Antarctica, Part 1, 1982-1983, by F. Nishio. 117 p. March 1984.
- No. 95 (Oceanography 4): Oceanographic data of the 24th Japanese Antarctic Research Expedition from November 1982 to April 1983, by T. Hanzawa and K. Iwamoto. 39p. July 1984.
- No. 96 (Glaciology 11): Glaciological research program in East Queen Maud Land, East Antarctica, Part 2, 1983, by M. Nakawo, H. Narita and T. Isobe. 82 p. November 1984.
- No. 97 (Aurora 12): Records of all-sky camera photographs at Syowa Station, Antarctica in 1982, by Support Section for Geophysical Observations and World Data Center-C2 for Aurora. 80 p. November 1984.
- No. 98 (Marine Biology 6): Marine biological data of BIOMASS programme at Syowa

- Station in the 1982 winter (JARE-23), by M. Fukuchi, A. Tanimura, H. Ohtsuka and T. Hoshiai. 113 p. February 1985.
- No. 99 (Ionosphere 31): Riometer records of 30 MHz cosmic noise at Syowa Station, Antarctica in 1983, by Y. Kuratani, I. Yamazaki and T. Tanaka. 93 p. February 1985.
- No. 100 (Ionosphere 32): Records of radio aurora at Syowa Station, Antarctica in 1983, by K. Igarashi, T. Tanaka and I. Yamazaki. 64p. February 1985.
- No. 101 (Meteorology 16): Meteorological data at Mizuho Station, Antarctica in 1983, by H. Narita, M. Nakawo and G. Iwashita. 96 p. February 1985.
- No. 102 (Oceanography 5): Tidal current data in the Ongul Strait, Antarctica, from April to December 1982 (JARE-23), by M. Fukuchi, A. Tanimura, H. Ohtsuka and T. Hoshiai. 57p. March 1985.
- No. 103 (Marine Biology 7): Report on the phytoplankton pigments measured during the JARE-25 cruise to Syowa Station, Antarctica, November 1983 to April 1984, by E. Hamada, A. Taniguchi, M. Okazaki and Y. Naito. 89 p. March 1985.
- No. 104 (Meteorology 17): POLEX-South data, Part 6: Aerological sounding of lower atmospheric layer over Mizuho Plateau, East Antarctica, by S. Kawaguchi, S. Kobayashi, N. Ishikawa, T. Ohata, J. Inoue, K. Satow and H. Nishimura. 128 p. March 1985.
- No. 105 (Upper Atmosphere Physics 2): Upper atmosphere physics data, Syowa Station, 1982, by R. Fujii, N. Sato and H. Fukunishi. 266 p. March 1985.
- No. 106 (Seismology 18): Seismological bulletin of Syowa Station, Antarctica, 1983, by K. Shibuya. 72 p. March 1985.

IV. Antarctic Geological Map Series

Sheet 14: Sinnan Rocks, 1/25000.

Explanatory text, by Y. Hiroi, K. Shiraishi and Y. Yoshida. 13 p.

March 1983.

Sheet 17: Niban Rock, 1/25000.

Explanatory text, by K. Kizaki, Y. Hiroi and S. Kanisawa. 9 p.
March 1983.

Sheet 18: Kasumi Rock, 1/25000.

Explanatory text, by T. Nishida, K. Yanai, H. Kojima, H. Matsueda and
S. Kanisawa. 6 p. March 1984.

Sheet 19: Tenmondai Rock, 1/25000.

Explanatory text, by K. Shiraishi, Y. Hiroi, K. Moriwaki, K. Sasaki
and H. Onuki. 7 p. with 10 pl. March 1985.

Sheet 20: Akarui Point and Naga-iwa Rock, 1/25000.

Explanatory text, by K. Yanai, K. Kizaki, K. Shiraishi, Y. Hiroi and
S. Kanisawa. 6 p. March 1984.

Sheet 26: Strandnibba, 1/25000.

Explanatory text, by Y. Motoyoshi, S. Matsubara, Y. Matsumoto, K.
Moriwaki, K. Yanai and Y. Yoshida. 10 p. with 8 pl. March 1985.

V. Special Map Series of National Institute of Polar Research

No. 1: Antarctic geomorphological map of Langhovde, 1/25000.

Explanatory text, by K. Hirasawa, Y. Ono, M. Hayashi, M. Aniya, S.
Iwata, K. Fujiwara, K. Moriwaki and Y. Yoshida. 63 p. March 1984.

No. 3: Free air gravity anomaly of Antarctic region, comp. by J. Segawa, T.
Matsumoto and K. Kaminuma. 1984.

「南極資料」は不定期に発行する。

「南極資料」に掲載された報告の内容に関しては、著者のみに責任がある。

「南極資料」に関する照会通信は下記にあてられたし。

〒173 東京都板橋区加賀 1-9-10

国立極地研究所編集委員会

電話 03 (962) 4711

The ANTARCTIC RECORD is published at irregular interval.

The authors of the original papers alone are responsible for the statements and opinions contained in their respective papers.

All communications relating to the ANTARCTIC RECORD should be addressed to:

National Institute of Polar Research

9-10, Kaga 1-chome, Itabashi-ku, Tokyo 173, Japan.

ANTARCTIC RECORD, No. 85

March 30, 1985

National Institute of Polar Research

Tokyo, Japan

1985 年 3 月 25 日 印 刷

1985 年 3 月 30 日 発 行

南 極 資 料 第 85 号

発 行 国 立 極 地 研 究 所

印 刷 昌 美 印 刷 株 式 会 社